

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A vibration device comprising:
upper and lower cases combined with each other to form case;
a magnetic force generating unit provided ~~ed-on~~ at least one surface of the upper and lower cases;
at least one magnet formed to be opposite to the magnetic force generating unit;
a weight which forms one body together with the at least one magnet;
~~elastic units combined to upper and lower surfaces of the weight and extended above and below the weight to~~ at least one elastic unit elastically support-supporting the weight in the case;
and
a fixing member for fixing ends of the at least one elastic unit~~unit~~,
wherein the magnetic force generating unit is provided at least one from a lower side and an upper side of the weight to accommodate the weight extending in a circumferential direction.

2. (Currently Amended) The vibration device according to claim 1, wherein the at least one elastic unit includes a strip of a closed-curve shape and a plurality of support legs extended from the strip, and
wherein the support legs form a downwardly turning curve in an axial direction of the strip.

3. (Original) The vibration device according to claim 2, wherein the strip has a polygonal or circular shape.

4. (Currently Amended) The vibration device according to claim 2, wherein the at least one elastic unit includes at least two support legs.

5. (Currently Amended) The vibration device according to claim 1, wherein the at least one elastic unit is a coil spring of a circular or polygonal conical shape.

6. (Original) The vibration device according to claim 1, wherein the magnet is formed on only one surface of the weight opposite to the magnetic force generating unit.

7. (Original) The vibration device according to claim 1, wherein the magnetic force generating unit is a coil.

8. (Original) The vibration device according to claim 1, wherein the weight is made of tungsten.

9. (Currently amended) The vibration device according to claim 1, ~~wherein~~ further comprising:

a magnet mounting groove of a predetermined depth ~~is~~-formed in one of ~~the~~ upper and lower surfaces of the weight.

10. (Currently Amended) The vibration device according to claim 1, wherein the at least one elastic unit includes at least two elastic units, and

wherein elastic unit insert grooves are formed on ~~the~~ upper and lower surfaces of the weight so that the at least two elastic units are inserted and fixed therein respectively.

11. (Currently Amended) The vibration device according to claim ~~10~~11, wherein the fixing member includes protrusions at upper and lower ends to be contacted with the upper and lower cases and a recess depressed at a center thereof, and

wherein fixing grooves are formed in ends of the protrusions respectively so as to fix ends of the at least two elastic units.

12. (Currently Amended) The vibration device according to claim ~~10~~11, wherein the recess is formed to ensure a space sufficient for a weight extension to be capable of moving vertically.

13. (Currently Amended) The vibration device according to claim 1, wherein the fixing ~~unit-member~~ has a fixing groove for fixing an end of the at least one elastic unit, and the fixing groove is formed only at a position where the end of the at least one elastic unit is fixed.

14. (Currently Amended) The vibration device according to claim 1, wherein the magnetic force generating unit is formed on one surface of each of the upper and lower cases such that the magnetic generating unit is provided at both the upper side and the lower side of the weight, respectively.

15. (Currently Amended) The vibration device according to claim ~~1~~14, wherein the at least one magnet includes at least two magnets ~~are~~ formed on both upper and lower surfaces of the weight so as to be opposite to the magnetic force generating unit formed on said one surface of each of the upper and lower cases.

16. (Currently Amended) The vibration device according to claim 1, wherein ~~there is the~~ at least one magnet includes a single magnetic formed to ~~passing-pass~~ through the weight vertically.

17. (Currently Amended) A vibration device comprising:

a casing body;

a weight including a magnet disposed in the casing body;

a strip of a closed-curve shape and a plurality of support legs extended from the strip, said strip being connected to the weight and said plurality of support legs being connected to the casing body such that the weight is suspended in the casing body; and

a magnetic force generating unit configured to generate a magnetic force to vibrate the weight in the casing body,

wherein the support legs form a downwardly turning curve in an axial direction of the strip.

18. (Original) The vibration device according to claim 17, wherein the strip has a polygonal or circular shape.

19. (Currently Amended) The vibration device according to claim 17, wherein ~~the~~ a number of the support legs is 2 or 4.

20. (Currently Amended) The vibration device according to claim 17, ~~wherein~~ further comprising:

a fixing member attached to the casing body and configured to support ends of the support legs ~~are supported by a fixing member of the vibration device.~~

21. (Canceled).

22. (Currently Amended) The vibration device according to claim 17 ~~or 22~~, wherein the vibration device is included in a communication terminal or a vibrating sound instrument.

23. (Currently Amended) A vibration device comprising:

a case;

a terminal plate attached to one side of the case and connected to an external power source;

a vibrating plate formed in an upper portion of the case;

a voice coil ~~combined~~ disposed below the vibrating plate;

a magnetic force generator formed below the voice coil;

a ~~cubic~~ 3-dimensional elastic unit for elastically supporting the magnetic force generator; and

upper and lower covers formed above and below the case to protect inner components between the upper and lower covers.

wherein an upper portion of the 3-dimensional elastic unit stably supports a peripheral portion of the magnetic force generator.

24. (Original) The vibration device according to claim 23, wherein the magnetic force generator comprises:

- a magnet;
- a yoke formed to surround the magnet; and
- a plate seated upon the yoke.

25. (Currently Amended) The vibration device according to claim 23, wherein the 3-dimensional elastic unit includes a circular or polygonal strip of a ring shape and a plurality of support legs extended from the strip, and

wherein the support legs form a downwardly turning curve in an axial direction of the strip.

26. (Currently Amended) The vibration device according to claim 25, wherein ~~the~~ a number of the support legs of the elastic unit is at least 2.

27. (Currently Amended) The vibration device according to claim 23, wherein the 3-dimensional elastic unit is a coil spring having a circular or polygonal conical shape.

28. (Currently Amended) The vibration device according to claim 23, ~~wherein the vibration device has~~ further comprising a sound function for generating an audible sound.

29. (New) The vibration device according to claim 12, wherein the weight extension extends a predetermined length from the elastic insert grooves to an inner side of the recess without contacting the recess.

30. (New) The vibration device according to claim 20, wherein the strip includes two strips and elastic unit insert grooves are formed on upper and lower surfaces of the weight so that the two strips are inserted and fixed therein respectively,

wherein the fixing member includes protrusions at upper and lower ends to be contacted with the upper and lower cases and a recess depressed at a center thereof, and fixing grooves formed in ends of the protrusions respectively so as to fix ends of the support legs,

wherein the recess is formed to ensure a space sufficient for a weight extension to be capable of moving vertically, and

wherein the weight extension extends a predetermined length from the elastic insert grooves to an inner side of the recess without contacting the recess.